

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 01 Jul 2023 until 23:59 on Sunday 02 Jul 2023
Forecast Issued on Friday 30 Jun 2023 at 15:11

Confidence: High confidence for a windy and more changeable period, with spells of rain and showers. Low confidence for distribution and timing of any showers.

Headline for Saturday 01 Jul 2023: Rain clearing to a mixture of sunshine and showers.

Mountain weather hazards on Saturday 01 Jul 2023		
Blizzards No Likelihood	Heavy persistent snow No Likelihood	Storm force winds No Likelihood
Gales Medium Likelihood	Severe chill effect No Likelihood	Poor visibility Medium Likelihood
Thunderstorms No Likelihood	Heavy persistent rain No Likelihood	Strong sunlight Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Light rain	Light rain	Light rain	Light rain showers	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability							
80%	70%	60%	50%	40%	30%	30%	20%

Forecast for Saturday 01 Jul 2023

Weather: A cloudy start with residual outbreaks of light rain and drizzle clearing east around dawn. The cloud will soon break and lift, leading to a mixture of sunny spells and showers in the morning. These will be mostly light but rather frequent, particularly in western parts, albeit perhaps becoming more scattered in the afternoon. It'll be a windy day though.

Chance of cloud-free hill tops above 600m: 20% becoming 95% or greater.

Low Cloud and visibility: Very poor at height initially, with cloud as low as 450m, but becoming gradually good or very good, with only temporary reductions in and around any showers. Some generally uninterrupted panoramic views in the late afternoon.

Forecast for Saturday 01 Jul 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	19/27 W	21/30 W	22/32 W	23/33 W	25/37 W	29/43 W	24/36 W	20/31 W	18/29 W
300	12/24 W	12/25 W	14/29 W	16/31 W	19/38 W	20/39 W	18/36 W	15/33 W	14/31 W
Valley	11/23 W	12/25 W	12/26 W	15/30 W	18/36 W	18/35 W	16/32 W	9/24 W	8/22 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/8	10/7	10/6	10/7	11/7	11/7	10/6	8/4	7/3
300	13/11	12/10	12/10	13/10	14/10	14/10	13/10	10/8	9/6
Valley	14/13	13/12	14/12	15/12	16/12	16/12	14/11	12/10	11/10
Freezing Level*	2800m	2400m	2200m	2000m	1800m	1800m	1700m	1700m	1600m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

A very unpleasant start to the day, with difficult navigation. Conditions will improve but the wind may become an issue in the afternoon, with gale force winds likely on any modest hills.

Recent rainfall: measured at Malham: altitude 375m

Recorded at
14:00 on Thu 29 Jun 2023

Last 24 hours:
2.4mm

Last 48 hours:
11mm

Last 72 hours:
13.4mm

Forecast for Sunday 02 Jul 2023

Weather: Sunny spells and scattered showers, occasionally heavy. Gale force winds over peaks and dridges.

Maximum wind: Westerly 30mph with gusts 40-45mph.

Chance of cloud-free hill tops above 600m: 85 becoming 95% or greater.

Low Cloud and visibility: Initially mediocre at height, with cloud as low as 550-600m at the start of the day. Becoming good to very good, with occasional reductions in and around any showers.

Temperature: **Valleys:** Plus 11 degrees Celsius rising to Plus 18 degrees Celsius.
At 600m: Plus 06 degrees Celsius rising to 11 degrees Celsius.
Freezing level: Above summits.